

United States of America

Key indicators

Population (millions)	312.9
GDP per capita, PPP\$	48,147.2
GDP (US\$ billions).....	15,064.8

	Score (0–100) or value (hard data)	Rank
Global Innovation Index 2012 (out of 141).....	57.7	10
Innovation Output Sub-Index	49.1	16
Innovation Input Sub-Index	66.3	9
Innovation Efficiency Index	0.7	70
Global Innovation Index 2011 (out of 125)	7	7
GII 2012 rank among GII 2011 economies (125)	10	

1 Institutions 85.1 17

1.1 Political environment	78.5	29
1.1.1 Political stability*	72.8	52
1.1.2 Government effectiveness*	78.8	19
1.1.3 Press freedom*	83.8	41
1.2 Regulatory environment	94.4	13
1.2.1 Regulatory quality*	87.7	20
1.2.2 Rule of law*	89.8	17
1.2.3 Cost of redundancy dismissal, salary weeks	8.0	1 ●
1.3 Business environment	82.5	13
1.3.1 Ease of starting a business*	92.8	11
1.3.2 Ease of resolving insolvency*	91.3	13
1.3.3 Ease of paying taxes*	63.3	52

2 Human capital & research 53.4 22

2.1 Education	61.3	31
2.1.1 Current expenditure on education, % GNI	4.8	46
2.1.2 Public expenditure/pupil, % GDP/cap.....	22.0	46
2.1.3 School life expectancy, years	16.8	10
2.1.4 PISA scales in reading, maths, & science	496.4	23
2.1.5 Pupil-teacher ratio, secondary	13.8	61
2.2 Tertiary education	38.8	54
2.2.1 Tertiary enrolment, % gross	94.8	2 ●
2.2.2 Graduates in science & engineering, %	15.5	74 ○
2.2.3 Tertiary inbound mobility, %	3.4	42
2.2.4 Gross tertiary outbound enrolment, %	0.2	119 ○
2.3 Research & development (R&D)	60.1	12
2.3.1 Researchers, headcounts/mn pop.....	4,663.3	18
2.3.2 Gross expenditure on R&D, % GDP	2.8	9
2.3.3 Quality of scientific research institutions†	80.4	7

3 Infrastructure 56.1 14

3.1 Information & communication technologies (ICT)	80.9	5 ●
3.1.1 ICT access*	72.4	22
3.1.2 ICT use*	58.9	17
3.1.3 Government's online service*	100.0	1 ●
3.1.4 E-participation*	92.1	5 ●
3.2 General infrastructure	58.5	12
3.2.1 Electricity output, kWh/cap.....	13,990.7	9
3.2.2 Electricity consumption, kWh/cap	13,268.1	11
3.2.3 Quality of trade & transport infrastructure*	78.8	7
3.2.4 Gross capital formation, % GDP	15.1	129 ○
3.3 Ecological sustainability	29.0	73
3.3.1 GDP/unit of energy use, 2000 PPP\$/kg oil eq	5.2	71
3.3.2 Environmental performance*	56.6	48
3.3.3 ISO 14001 environmental certificates/bn PPP\$ GDP	0.3	93 ○

4 Market sophistication 76.8 2 ●

4.1 Credit	83.8	2 ●
4.1.1 Ease of getting credit*	97.1	4
4.1.2 Domestic credit to private sector, % GDP	202.2	6 ●
4.1.3 Microfinance gross loans, % GDP	n/a	n/a

4.2 Investment	83.0	2 ●
4.2.1 Ease of protecting investors*	94.2	5
4.2.2 Market capitalization, % GDP	117.5	13
4.2.3 Total value of stocks traded, % GDP	208.8	1 ●
4.2.4 Venture capital deals/tr PPP\$ GDP	243.3	5 ●

4.3 Trade & competition	63.7	69
4.3.1 Applied tariff rate, weighted mean, %	1.8	41
4.3.2 Non-agricultural mkt access weighted tariff, %	1.1	76
4.3.3 Imports of goods & services, % GDP	16.2	139 ○
4.3.4 Exports of goods & services, % GDP	12.6	135 ○
4.3.5 Intensity of local competition	76.8	17

5 Business sophistication 59.9 9

5.1 Knowledge workers	79.3	6 ●
5.1.1 Knowledge-intensive employment, %	36.3	28
5.1.2 Firms offering formal training, % firms	n/a	n/a
5.1.3 R&D performed by business, %	72.6	8
5.1.4 R&D financed by business, %	67.3	10
5.1.5 GMAT mean score	529.4	53
5.1.6 GMAT test takers/mn pop. 20–34	1,832.0	1 ●
5.2 Innovation linkages	58.5	8
5.2.1 University/industry research collaboration†	78.5	3 ●
5.2.2 State of cluster development†	63.2	9
5.2.3 R&D financed by abroad, %	n/a	n/a
5.2.4 JV-strategic alliance deals/tr PPP\$ GDP	46.1	29
5.2.5 PCT patent filings with foreign inventor, %	42.3	56
5.3 Knowledge absorption	41.7	46
5.3.1 Royalty & license fees payments/th GDP	2.3	40
5.3.2 High-tech imports less re-imports, %	17.3	15
5.3.3 Computer & comm. service imports, %	34.7	57
5.3.4 FDI net inflows, % GDP	1.6	89 ○

6 Knowledge & technology outputs 56.1 11

6.1 Knowledge creation	66.8	9
6.1.1 Domestic resident patent ap/bn PPP\$ GDP	16.7	8
6.1.2 PCT resident patent ap/bn PPP\$ GDP	3.2	14
6.1.3 Domestic res utility model ap/bn PPP\$ GDP	n/a	n/a
6.1.4 Scientific & technical articles/bn PPP\$ GDP	15.0	27
6.2 Knowledge impact	45.0	31
6.2.1 Growth rate of PPP\$ GDP/worker, %	3.5	42
6.2.2 New businesses/th pop. 15–64	n/a	n/a
6.2.3 Computer software spending, % GDP	0.9	7
6.2.4 ISO 9001 quality certificates/bn PPP\$ GDP	1.8	96 ○
6.3 Knowledge diffusion	56.3	13
6.3.1 Royalty & license fees receipts/th GDP	7.3	9
6.3.2 High-tech exports less re-exports, %	14.8	20
6.3.3 Computer & comm. service exports, %	45.4	30
6.3.4 FDI net outflows, % GDP	2.4	22

7 Creative outputs 42.2 33

7.1 Creative intangibles	37.0	84
7.1.1 Domestic res trademark reg/bn PPP\$ GDP	11.2	75 ○
7.1.2 Madrid resident trademark reg/bn PPP\$ GDP	0.3	41 ○
7.1.3 ICT & business model creation†	77.0	2 ●
7.1.4 ICT & organizational model creation†	60.1	25
7.2 Creative goods & services	37.2	27
7.2.1 Recreation & culture consumption, %	9.3	18
7.2.2 National feature films/mn pop. 15–69	3.5	34
7.2.3 Paid-for dailies, circulation/th pop. 15–69	212.4	22
7.2.4 Creative goods exports, %	2.5	34
7.2.5 Creative services exports, %	5.4	36
7.3 Online creativity	57.6	20
7.3.1 Generic top-level domains (TLDs)/th pop. 15–69	91.2	8
7.3.2 Country-code TLDs/th pop. 15–69	30.4	54
7.3.3 Wikipedia monthly edits/mn pop. 15–69	5,004.9	30
7.3.4 Video uploads on YouTube/pop. 15–69	83.2	2 ●